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ABSTRACT

Systems that employs an adaptable front end for determining a file-type to associate with the output from a source application and for processing the output, as a function of the file type, to generate a display list that is representative of objects and shapes that represent components within the visual presentation of the data. The display list is then processed by a rendering engine, which may be located on an embedded device. The rendering engine processes the components contained within the display list to render an image of the source application's output that may be presented on the display of the device. As will be described below, the adaptable front end determines the file structure of the source being processed, thereby providing a device that may operate with a plurality of different file types, and source applications.

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